CLAIMS

What is claimed is:

1. A composition comprising at least one polyol, an isocyanate, a catalyst and glass cullet, said glass cullet having an average particle size of not greater than 100 mesh and not less than 325 mesh.

2. The composition of Claim 1, wherein said glass cullet has an average particle size of approximately 100 to 200 mesh.

3. The composition of Claim 1, wherein said glass cullet has a pH in deionized water of up to approximately 8.4.

4. The composition of Claim 1, wherein said glass cullet has a pH in deionized water of approximately 7 to 8.4.

5. The composition of Claim 1, wherein said glass cullet comprises approximately 5 to 95 weight percent of said composition.

6. The composition of Claim 1, wherein said composition has a density after curing of approximately 7 to 80 pounds per cubic foot

7. The composition of Claim 1, wherein said glass cullet is derived from bottle glass.

8. The composition of Claim 1, wherein said glass cullet is derived from flint glass, amber glass, emerald green glass, borosilicate glass, E. glass or mixtures thereof.

9. The composition of Claim 1, wherein said glass cullet is derived from tri-color glass.

10. The composition of Claim 1, wherein said glass cullet is recycled glass.

11. A composition comprising at least one polyol, an isocyanate, a catalyst and glass cullet, said glass cullet having an average particle size such that said composition has a viscosity of less than approximately 13,000 cps at 25° C. and is stable for at least 14 days.

12. A method comprising the steps of

adding to a composition comprising at least one polyol, an isocyanate, and a catalyst an amount of glass cullet, said glass cullet having an average particle size of not greater than 100 mesh and not less than 325 mesh.

13. The method of Claim 12, wherein said glass cullet has an average particle size of approximately 100 to 200 mesh.

14. The method of Claim 12, wherein said glass cullet has a pH in deionized water of up to approximately 8.4.

15. The method of Claim 12, wherein said glass cullet has a pH in deionized water of approximately 7 to 8.4.

16. The method of Claim 12, wherein said glass cullet comprises approximately 5 to 95 weight percent of said composition.

17. The method of Claim 12, wherein said composition has a density after curing of approximately 7 to 80 pounds per cubic foot

18. The method of Claim 12, wherein said glass cullet is derived from post-consumer bottle glass.

19. The method of Claim 12, wherein said glass cullet is derived from flint glass, amber glass, emerald green glass, borosilicate glass, E. glass or mixtures thereof.

20. The method of Claim 12, wherein said glass cullet is derived from tri-color glass.

21. The method of Claim 12, wherein said glass cullet is recycled glass.

22. A filled polyurethane composition comprising:
polyurethane-forming components; and
glass cullet, said glass cullet having an average particle size between 100 and 200 mesh and a pH in deionized water of up to approximately 8.4.

23. A filled polyurethane composition comprising:
polyurethane-forming components; and
glass cullet, said glass cullet being of a type and having an average particle size such that said polyurethane composition has a reactivity of greater than 5 minutes.

24. A filled polyurethane composition comprising:
polyurethane-forming components; and
glass cullet, said glass cullet being of a type and having an average particle size such that said polyurethane composition has a cure time of less than 130 seconds.

25. A filled polyurethane composition comprising:

polyurethane-forming components; and

glass cullet, said glass cullet being of a type and having an average particle size such that said polyurethane composition has a viscosity of less than 13,000 cps at 25° C. and a stability of at least 14 days.

26. An article made from the composition of Claim 1.

27. A polyurethane polymer comprising:

a Side B composition comprising at least one polyol, a catalyst and glass cullet, said glass cullet having an average particle size of not greater than 100 mesh and not less than 325 mesh; and

a Side A composition comprising at least one isocyanate at an index between 0.8 and 1.20.

28. A Side B composition comprising at least one polyol, a filler, a catalyst and glass cullet, said glass cullet having an average particle size such that said composition has a viscosity of less than approximately 13,000 cps at 25° C. and is stable for at least 14 days.

29. A filled Side B polyurethane composition comprising polyurethane-forming components and glass cullet, said glass cullet being of a type and having an average particle size such that said polyurethane composition has a viscosity of less than 13,000 cps at 25° C. and a stability of at least 14 days.

30. An article made from the composition of Claim 27.